

PMC-EF2a

(2.04.02)

**U.S. DEPARTMENT OF ENERGY  
EERE PROJECT MANAGEMENT CENTER  
NEPA DETERMINATION**



RECIPIENT: Multnomah County

STATE: OR

**PROJECT**  
**TITLE :** Bridge Hydro-Turbine Study

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
2010 CDP	EE0003261	GFO-10-230	EE0

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

**CX, EA, EIS APPENDIX AND NUMBER:**

## Description:

- A9** Information gathering (including, but not limited to, literature surveys, inventories, audits), data analysis (including computer modeling), document preparation (such as conceptual design or feasibility studies, analytical energy supply and demand studies), and dissemination (including, but not limited to, document mailings, publication, and distribution; and classroom training and informational programs), but not including site characterization or environmental monitoring.

## Rational for determination:

Multnomah County, Oregon will undertake a feasibility research study investigate the optimal size, number, and placement of hydrokinetic electric turbines on seven bridge piers and the resultant electrical power that may be generated as well as analyze project costs.

Project activities include obtaining funding, establishing a project scope and schedule, selecting a professional consulting firm to perform the feasibility research and analysis, undertaking the Feasibility Research Study and project management and reporting.

The Feasibility Research Study is expected to be primarily conducted in a normal office environment.

This project comprises information gathering and a research and development study in existing facilities; therefore a CX A9 will apply.

**NEPA PROVISION**

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

None Given.

**SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.**

NEPA Compliance Officer Signature:   
NEPA Compliance Officer

Date: 4/28/10

**FIELD OFFICE MANAGER DETERMINATION**